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*James B. Bely*

Attorney of Record

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Rui Sousa, et al.  
Serial No.: 09/965,346  
Filed: September 27, 2001  
For: METHODS FOR USING MUTANT RNA  
POLYMERASES WITH REDUCED  
DISCRIMINATION BETWEEN NONCANONICAL  
AND CANONICAL NUCLEOSIDE  
TRIPHOSPHATES  
Group Art Unit: 1634  
Examiner: A. Chakrabarti

Commissioner for Patents  
Washington, D.C. 20231

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RESPONSE TO OFFICE ACTION

Dear Sir:

In the matter of the above-identified case and in response to the May 3, 2002 Office Action, Applicants request that the following amendments be entered.

In the Claims:

Please cancel claims 42, 56, 58 and 59.

Please amend claims 41 and 55 as follows:

1. Amended A method for determining sequence of a nucleic acid molecule, comprising the steps of:

B1

C

b